

## IN THE SPECIFICATION

Please amend paragraph [0030] as follows:

[0030] FIG. 10 shows a part of the coil current carrying circuit. A current carrying operation of the coil current carrying circuit is controlled by the coil current carrying control unit. The coil current carrying circuit is constructed so as to carry the current to the right and left coils 14 and 14 simultaneously. The coil current carrying circuit is constructed so that each side of the coils 14 and 14, which faces to the both side surfaces of the permanent magnet 24 becomes the same pole (N pole or S pole) when the current is carried to the right and left coils 14 and 14 simultaneously. Therefore, when the current is carried to the right and left coils 14 and 14, an attractive force is generated between one coil 14 and the permanent magnet 24 and a repulsive force is generated between the other coil 14 and the permanent magnet 24. As a result, the tie rod 22 is ~~shaken~~moved against the biasing force of the torsion coil spring 23. In this case, in order to change the ~~shaking~~moving direction of the tie rod 22, the direction of the current to be carried to the coils 14 and 14 may be changed by the coil current carrying control unit.

Alternatively, the coil current carrying circuit may be constructed so that the current is selectively carried to one of the right and left coils 14 and 14. Then, the tie rod 22 may be ~~shaken~~moved by an attractive force or a repulsive force, which is generated between the coil 14 to which the current is carried, and the permanent magnet 24.